

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
TN302Total Pages in this Submission
190

TO THE COMMISSIONER FOR PATENTS

P. O. Box 1450
Mail Stop Patent Application
Alexandria, VA 22313-1450U.S. PTO
10/632872

08/01/2003

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

DUAL ACTIVE BANK MEMORY CONTROLLER

and invented by:

JOSEPH H. END III

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

APPLICATION ELEMENTS

1. ☒ Filing Fee as calculated and transmitted as described below
2. ☒ Specification having 44 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Microfiche Appendix (if applicable)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if applicable)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of Disclosure

The PTO did not receive the following
listed item(s) FIG. 17 OF DRAWING

UTILITY PATENT APPLICATION TRANSMITTAL*(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.
TN302Total Pages in this Submission
190**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
a. ☐ Formal Number of Sheets _____
b. ☒ Informal Number of Sheets 21
4. ☒ Oath or Declaration
a. ☒ New executed *(original or copy)* ☐ Unexecuted
b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional applications only)*
c. ☒ With Power of Attorney ☐ Without Power of Attorney
d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b)
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference herein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
a. ☐ Paper Copy
b. ☐ Computer Readable Copy *(identical to computer copy)*
c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
14. ☐ Certified copy of Priority Document(s) *(if foreign priority is claimed)*
15. ☒ Certificate of Mailing

☐ First Class ☒ Express Mail *(Specify Label No.):* ET285890570US

UTILITY PATENT APPLICATION TRANSMITTAL*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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Accompanying Application Parts (Continued)

16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Additional Enclosures *(please identify below)*:

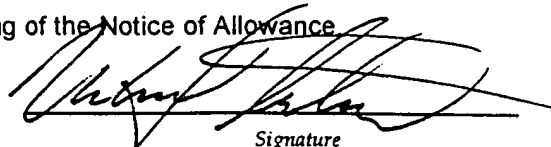
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Fee Calculation and Transmittal**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	22	- 20 =	2	\$18	\$36.00
Indep. Claims	5	- 3 =	2	\$84	\$168.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$750.00
OTHER FEE <i>(specify purpose)</i> _____					\$0.00
TOTAL FILING FEE					\$954.00

- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 19-3790 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$954.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance pursuant to 37 C.F.R. 1.311(b).

Dated: August 1, 2003



Signature

Michael B. Atlass, Reg. No. 30,606

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Unisys Way, MS/E8-114

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17. ☐ Additional Enclosures *(please identify below)*:

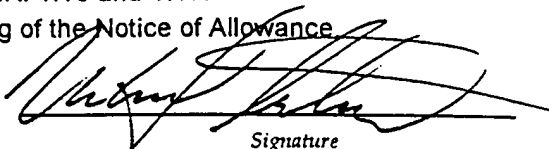
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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Joseph H. End III

DOCKET NO.
TN302Serial No.
To Be AssignedFiling Date
HerewithExaminer
To Be AssignedGroup Art Unit
To Be AssignedInvention: **DUAL ACTIVE BANK MEMORY CONTROLLER**

I hereby certify that the following:

- 1) Cert. of Exp. Mail. (1 pg.)
- 2) Appl. Trans. (4 pgs.)
- 3) Executed Dec./POA (4 pgs.)
- 4) Non Pub. Req. (1 pg.)
- 5) U.S. Appl. (incl. - Claims and Abst.) (44pgs.)
- 6) 21 shts. of Formal Dwgs. (Figs. 1-17)
- 7) Form 1595 (2 pgs.)
- 8) Assignment (2 pgs.)
- 9) IDS (1 pgs.)
- 10) 1449 (1 pg.)
- 11) 4 references

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Director for Patents, P.O. Box 1450, Alexandria, VA 22313-14150 on August 1, 2003.

Michele G. McDevitt

(Type or Printed Name of Person Mailing Correspondence)

Michele G. McDevitt

(Signature of Person Mailing Correspondence)

ET285890570US

("Express Mail" Mailing Label Number)

ET 285890570 US

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(I)

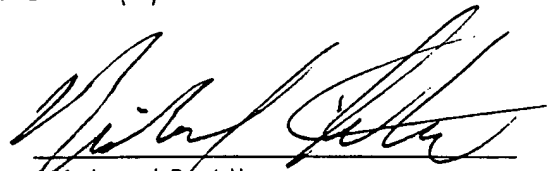
First Named Inventor: Joseph H. End III

Title: DUAL ACTIVE BANK MEMORY CONTROLLER

Attorney Docket No. TN302

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Date: August 1, 2003



Michael B. Atlass
Registration No. 30,606

This request must be signed in compliance with 37 C.F.R. 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**